

OHIO AGRICULTURAL EXPERIMENT STATION  
Northwestern Substation, Hoytville, Ohio

Department of Horticulture Mimeograph Series No. 269,  
February 6, 1962

FIELD TOMATO VARIETY TRIALS - 1961  
Hoytville, Ohio

WALTER N. BROWN \*

*Catalog*  
1964

The 1961 field tomato variety trials included twenty-four varieties replicated five times (Table 1), and twenty-four varieties in single plots (Table 2). Since the 1960 trials of the Northwestern Substation were damaged by a severe hailstorm no data were obtained, therefore, some varieties were included in these replicated trials which were not previously evaluated in observational trials. The single plot trials include newly introduced varieties and some numbered strains in the advanced trial stage or those recently approved for release.

CULTURAL INFORMATION

Plants: Greenhouse and frame grown, 70 standard flat, from seed sown April 25.

Transplanted to Field: June 2, with mechanical transplanter, using 10-52-17 starter at rate of 3 lbs. per 50 gallon of water.

Fertilizer: 740 lb/A of 5-10-10 drilled and disked after plowing down approximately 12-15 tons/A of feedlot manure, with 2-year alfalfa sod. No sidedressings.

Plot Size: Twenty plants per single row plot, spaced 2' in rows 5' apart.

Insect and Disease Control: Purified DDT for Flea Beetle early, four applications of Manzate beginning June 22 followed by alternate sprays of Copper and Manzate through September 22.

Weather Data: The month of June was generally cool and wet, subsequent temperatures were slightly below normal with above normal rainfall during July and September. August was below normal. Mean temperatures and total rainfall recorded at the Northwestern Substation, Hoytville, were as follows:

	<u>Mean Temperature</u>	<u>Rainfall</u>
June	66.2	4.02
July	72.2	5.65
August	71.5	1.92
September	69.4	4.20

HARVEST DATA

The first harvest was made on August 21 and the last on September 25. All fruits were graded on basis of U.S. No. 1, No. 2 for defects, No. 2 for color and culls. These grades are recorded as percentages of total for each individual harvest period and for total season's yield. Each fruit was classified as either cracked or not cracked and the percentage of cracked fruits computed with no attempt being made to classify the fruits as to the extent or kind of cracking. The yields are recorded in Tables 1 and 2 according to: Early - Aug. 21 and 28; Mid-season - Sept. 5 and 11; Late - September 18 and 25; and total for the entire six harvests. Heavy frosts on Sept. 29 and 30 concluded the harvest period. Varieties are listed in the tables in order of early yield.

\*Dept. of Horticulture, Ohio Agr. Exp. Sta., 1827 Neil Avenue, Columbus 10, Ohio.

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SOURCE OF SEED

<u>Code</u>	<u>Source</u>
A2	Asgrow Seed Co., Inc., 272 George St., New Haven 2, Conn.
A4	Alpha Seeds, Box 1042, Lompoc, Calif.
B2	D. V. Burrell Seed Growers Co., Rocky Ford, Colo.
C4	Clemson College Agr. Exp. Sta., W.M. Epps, Clemson, S. C.
C5	Cornell University, H.M. Munger, Dept. Plant Breeding, Ithaca, N.Y.
D1	Delaware Agr. Exp. Sta., E.P. Brasher, Dept. Hort., Newark, Del.
F1	Ferry-Morse Seed Co., P.O. Box 254, Racine, Wisc.
F2	Florida Agr. Exp. Sta., J.M. Walters, Gulf Coast Sta., Bradenton, Fla.
H1	Joseph Harris & Co. Inc., Moreton Farms, Rochester 11, N.Y.
H2	Holmes Seed Co., 1017 9th St. S.W. Canton 11, Ohio.
H3	H.J. Heinz, Crop Research Dept., Bowling Green, Ohio.
L2	Leatherman Seed Co., 501 McKinley Ave., N.W. Canton 2, Ohio.
L3	Libby, McNeill & Libby, L.A. Holl, Crop Res. Dept., Leipsic, Ohio.
L4	Louisiana State Univ., J.C. Miller, Dept. of Hort., Baton Rouge, La.
M3	Missouri Agr. Exp. Sta., V.N. Lambeth, Dept. Hort., Columbia, Mo.
M4	Maryland Agr. Exp. Sta., F. Stark, Dept. of Hort., College Park, Md.
O1	Ohio Agr. Exp. Sta., W.N. Brown, Dept. of Hort., Columbus 10, Ohio.
O2	Ohio Agr. Exp. Sta., L.J. Alexander, Dept. Bot. & Pl. Pathology, Wooster, Ohio.
R1	Robson Quality Seeds, Inc., Hall, N.Y.
T2	Texas Agr. Exp. Sta., H.C. Mohr, Dept. of Hort., College Sta., Texas.

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TABLE 1

FIELD TOMATO VARIETY TRIALS - 1961  
Northwestern Substation, Hoytville, Ohio

VC-61, p. 1

(5 replications)

Variety and Lot Number	Source	Harvest Periods	Grades				Total Yield Per Acre	Percent- age of Total Yield	Cracked Fruits	No. of Fruits per 25 lbs.
			No. 1	No. 2D	No. 2C	Culls				
			%	%	%	%	Tons	%	%	No.
19. Fireball 861	H1	Early	63.6	2.8	32.7	0.9	5.89	32.6	14.5	105.5
		Midseason	35.3	4.3	53.6	6.8	11.49	63.6	1.0	109.6
		Late	11.6	--	74.3	14.1	.69	3.8	1.5	153.4
		Total	39.2	4.0	51.5	5.3	18.07	--	5.3	110.1
24. Hotset 82-8M 60	O1	Early	50.6	5.2	41.3	2.9	4.40	16.3	21.5	95.4
		Midseason	54.2	4.0	37.9	3.9	15.84	58.7	22.8	120.2
		Late	30.0	0.8	66.4	2.8	6.76	25.0	12.2	174.8
		Total	47.6	3.9	45.6	2.9	27.00	--	17.0	130.2
10. Pocomoke (Md. 314) T-61	M4	Early	45.8	.3	49.9	4.0	<del>3.24</del> 3.91	14.7	0.4	83.3
		Midseason	62.0	1.4	33.8	2.8	16.12	60.9	0.9	135.1
		Late	37.6	.5	58.5	3.4	6.46	24.4	2.3	188.0
		Total	54.1	.2	42.5	3.2	<del>26.49</del> 25.87	--	1.6	116.8
9. Libby's C-52 T-61	L3	Early	61.2	2.3	33.2	3.3	3.52	12.2	1.0	128.9
		Midseason	60.9	2.8	34.2	2.1	19.29	66.8	9.5	120.2
		Late	43.1	.2	54.1	2.6	6.07	21.0	10.4	147.9
		Total	57.2	2.2	38.2	2.4	28.88	--	8.7	126.9
8. Heinz 1350 T-61	H3	Early	58.8	2.8	36.2	2.2	3.43	11.5	13.2	72.0
		Midseason	57.1	2.1	39.7	1.1	16.69	56.0	6.8	109.7
		Late	33.7	.8	63.3	2.2	9.67	32.5	16.8	112.1
		Total	49.6	1.8	47.0	1.6	29.79	--	11.2	95.4
L.S.D. @ 5% Level		Early					0.85			
		Midseason					2.63			
		Late					3.19			
		Total					3.25			

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TABLE 1 (continued)

FIELD TOMATO VARIETY TRIALS - 1961  
Northwestern Substation, Hoytville, Ohio

VC - 61, p. 2

(5 replications)

Variety and Lot Number	Source	Harvest Periods	Grades				Total Yield per Acre	Percent-age of Total Yield	Cracked Fruits	No. of Fruits per 25 lbs.
			No. 1	No. 2D	No. 2C	Culls				
			%	%	%	%	Tons	%	%	No.
23. Tecumseh 92-20M60	01	Early	62.5	3.9	31.5	2.1	2.85	11.7	16.4	84.5
		Midseason	57.1	4.4	34.9	3.6	13.76	56.6	27.7	114.2
		Late	38.5	0.8	56.9	3.8	7.72	31.7	23.6	142.9
		Total	51.9	3.2	41.5	3.4	24.33	--	25.1	120.8
12. VF 145B 0758	F1	Early	37.3	3.6	57.3	1.8	2.57	9.5	9.7	111.6
		Midseason	40.4	4.1	51.8	3.7	14.47	53.2	3.0	116.3
		Late	14.9	1.8	78.6	4.7	10.12	37.3	3.7	150.6
		Total	30.6	3.2	62.3	3.9	27.16	--	4.0	128.2
11. Plainsman T-61	T2	Early	58.1	4.9	33.6	3.4	2.41	8.4	29.7	83.6
		Midseason	48.2	4.7	44.1	3.0	16.40	57.3	15.5	85.9
		Late	36.6	1.9	58.3	3.2	9.81	34.3	26.2	107.8
		Total	44.5	5.7	46.8	3.0	28.62	--	20.4	92.9
7. Heinz 1409 T-61	H2	Early	47.7	2.5	46.1	3.7	2.40	7.5	9.9	73.1
		Midseason	46.6	3.0	48.5	1.9	14.88	46.4	5.4	73.8
		Late	27.6	.1	54.6	17.7	<del>14.82</del> 12.47	46.1	4.5	84.5
		Total	37.9	1.6	51.2	9.3	<del>32.10</del> 29.75	--	5.2	78.6
18. Urbana 55-M	01	Early	58.4	4.0	35.5	2.1	2.08	8.0	14.9	80.9
		Midseason	56.6	3.1	35.6	4.6	15.53	59.7	28.0	94.3
		Late	34.2	1.0	61.2	3.5	8.42	32.3	22.7	140.4
		Total	49.5	2.5	43.9	4.1	26.03	--	25.0	108.7

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TABLE 1 (Cont'd)  
FIELD TOMATO VARIETY TRIALS - 1961  
Northwestern Substation, Hoytville, Ohio

(5 replications)

Variety and Lot Number	Source	Harvest Periods	Grades				Total Yield per Acre	Percent- age of Total Yield	Cracked Fruits	No. of Fruits per 25 lbs.
			No. 1	No. 2D	No. 2C	Culls				
			%	%	%	%	Tons	%	%	No.
2. KC 135      49V3	B2	Early	60.3	4.3	30.7	4.6	2.07	8.5	11.6	58.7
		Midseason	47.8	5.1	41.1	6.0	10.15	41.8	1.3	68.1
		Late	32.7	.4	63.9	3.0	12.06	49.7	2.0	94.0
		Total	41.4	2.7	51.5	4.4	24.28	--	2.3	80.1
4. Glamour      862	H1	Early	63.4	1.5	31.3	1.8	1.91	7.6	11.9	78.9
		Midseason	55.2	2.6	40.1	2.1	13.41	53.7	7.9	76.0
		Late	43.7	0.5	54.0	1.8	9.67	38.7	8.9	115.7
		Total	51.4	1.7	44.3	2.1	24.99	--	8.6	91.6
21. Hoytville No. 6 (Imp) F60	O2	Early	66.6	5.4	23.6	4.4	1.91	6.5	36.0	64.9
		Midseason	55.7	4.8	36.1	3.4	15.97	54.4	22.6	73.3
		Late	40.8	0.8	55.3	3.1	11.50	39.1	23.5	105.0
		Total	50.6	3.2	42.8	3.4	29.38	--	23.7	85.3
16. Hyb. 162      89901	F1	Early	49.4	7.6	33.9	9.1	1.72	6.3	40.3	62.2
		Midseason	48.9	8.8	35.2	7.1	15.30	55.7	16.7	69.6
		Late	30.0	2.2	60.6	7.2	10.45	38.0	22.9	85.6
		Total	41.7	6.2	44.8	7.3	27.47	--	20.6	75.3
15. Ohio CR-Red      C-7	O1	Early	55.2	3.9	32.5	8.4	1.39	6.7	17.9	68.6
		Midseason	57.2	4.2	32.6	6.0	8.84	42.4	25.2	90.6
		Late	41.0	2.4	53.2	3.4	10.64	50.9	15.3	115.7
		Total	48.8	3.2	43.2	4.8	20.87	--	19.1	101.6

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TABLE 1 (Continued)  
FIELD TOMATO VARIETY TRIALS - 1961  
Northwestern Substation, Hoytville, Ohio

(5 replications)

Variety and Lot Number	Source	Harvest Periods	Grades				Total Yield per Acre	Percent- age of Total Yield	Cracked Fruits	No. of Fruits per 25 lbs.
			No. 1	No. 2D	No. 2C	Culls				
			%	%	%	%	Tons	%	%	No.
20. Hoytville No. 5    T-59	02	Early	50.3	3.8	39.7	6.2	1.38	4.9	41.8	82.2
		Midseason	46.6	2.7	45.2	5.5	14.98	53.4	8.9	85.9
		Late	33.1	.6	62.4	3.9	11.70	41.7	15.4	123.8
		Total	41.2	1.9	52.0	4.9	28.06	--	13.3	101.6
14. Indian River        T-59	F2	Early	71.1	2.6	21.9	4.4	1.27	5.9	17.9	78.6
		Midseason	54.1	4.4	38.9	2.6	9.00	42.1	8.8	80.4
		Late	38.7	1.4	57.3	2.6	11.12	52.0	6.8	114.2
		Total	47.1	2.7	47.4	2.8	21.39	--	8.0	98.0
6. E. S. 24 (Heinz 2425)T-61	H3	Early	55.0	0.0	40.7	4.3	1.26	4.0	9.6	81.4
		Midseason	45.8	1.9	49.9	2.4	14.57	46.7	5.5	89.9
		Late	33.0	.2	64.7	1.8	15.40	49.3	12.3	110.6
		Total	40.0	1.0	56.8	2.2	31.23	--	11.3	82.8
5. Heinz 1370            T-61	H3	Early	54.9	.4	41.0	3.7	1.23	4.1	3.6	98.4
		Midseason	44.9	1.3	53.3	1.5	15.37	50.6	10.8	96.9
		Late	30.1	.2	68.2	1.5	13.77	45.3	8.8	109.6
		Total	38.6	.8	59.1	1.5	30.37	--	9.5	102.9
1. KC 146                1489	H1	Early	59.2	3.9	34.3	2.6	1.17	4.2	27.8	90.3
		Midseason	53.6	3.5	40.2	2.7	14.01	49.6	10.4	66.8
		Late	46.0	.9	49.9	3.2	13.04	46.2	17.9	95.1
		Total	50.3	2.3	44.4	3.0	28.22	--	12.5	80.9

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Table 1 (cont'd)

FIELD TOMATO VARIETY TRIALS - 1961  
Northwestern Substation, Hoytville, Ohio

VC - 61, p. 5

(5 Replications)

Variety and Lot Number		Source	Harvest Periods	Grades				Total Yield per Acre	Percent-age of Total Yield	Cracked Fruits	No. of Fruits per 25 lbs.
				No. 1	No. 2D	No. 2C	Culls				
				%	%	%	%	Tons	%	%	No.
17. Hybrid 166E (F <sub>2</sub> )	--	F1	Early	51.8	1.9	41.1	5.2	1.12	3.9	16.2	74.9
			Midseason	40.3	8.5	48.3	2.9	14.51	50.1	7.1	77.6
			Late	26.7	1.9	68.2	3.2	13.34	46.0	11.9	109.2
			Total	34.5	5.2	57.1	3.2	28.97	--	10.0	91.9
22. Rutgers	885	H1	Early	72.7	3.8	21.5	2.0	.94	4.4	38.5	90.3
			Midseason	63.2	3.1	30.5	3.2	9.24	43.4	13.8	82.2
			Late	49.6	1.0	47.9	1.5	11.09	52.2	21.9	110.6
			Total	41.3	2.8	52.8	3.1	21.27	--	27.1	95.1
13. Manapal	T-61	F2	Early	68.0	5.3	21.4	5.3	.90	3.8	33.7	52.2
			Midseason	49.7	2.5	44.4	3.4	3.34	35.1	8.8	71.8
			Late	45.6	2.4	49.9	2.1	14.53	61.1	13.4	101.2
			Total	47.9	2.6	46.9	2.6	23.77	--	12.5	89.0
3. W. R. Jubilee	T-59	O2	Early	45.9	2.5	42.3	9.3	.80	3.1	43.4	67.6
			Midseason	45.3	5.6	44.4	4.7	11.05	43.1	12.7	72.5
			Late	37.8	1.0	58.0	3.2	13.79	53.8	15.4	96.9
			Total	41.3	3.0	51.7	4.0	25.64	--	15.1	85.3
L.S.D. @ 5% Level			Early				0.85				
			Midseason				2.63				
			Late				3.19				
			Total				3.25				

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TABLE 2  
FIELD TOMATO VARIETY TRIALS - 1961  
Northwestern Substation, Hoytville, Ohio

(1 replication)

Variety and Lot Number	Source	Harvest Periods	Grades				Total Yield per Acre	Percent- age of Total Yield	Cracked Fruits	No. of Fruits per 25 lbs.
			No. 1	No. 2D	No. 2C	Culls				
			%	%	%	%				No.
38. Quaker Maid No. 58 459-1	R1	Early	50.5	--	48.8	0.7	7.8	29.8	15.1	90.3
		Midseason	61.8	3.0	30.9	4.3	13.7	52.3	5.0	151.5
		Late	16.9	0.5	79.9	2.7	4.7	17.9	6.2	176.1
		Total	50.3	1.7	45.0	3.0	26.2		7.3	138.1
36. Ohio Hybrid 8 T-61	H2	Early	54.9	0.5	43.7	0.9	7.1	24.2	10.5	88.0
		Midseason	47.3	2.3	46.8	3.6	19.0	64.8	0.4	112.1
		Late	19.4	5.9	65.7	9.0	3.2	10.9	1.2	145.3
		Total	46.1	2.3	48.1	3.5	29.3		1.1	110.1
29. Cornell 59-657 T-61	C5	Early	53.1	4.2	41.7	1.0	5.0	25.3	10.9	80.1
		Midseason	27.2	8.6	51.3	12.9	10.3	52.0	2.1	98.8
		Late	35.0	1.5	57.9	5.6	4.5	22.7	7.1	147.1
		Total	35.4	6.0	50.4	8.2	19.8		5.4	105.0
45. Vinered NW-60	O1	Early	53.5	3.2	39.6	3.7	4.8	17.4	21.5	84.7
		Midseason	40.1	3.6	52.4	3.9	17.0	61.8	4.2	91.2
		Late	16.3	0.2	76.6	6.9	5.7	20.7	4.1	138.9
		Total	37.5	2.9	55.2	4.4	27.5		6.1	110.1
35. Ohio Hybrid 6 T-61	H2	Early	74.1	2.3	21.1	2.5	3.8	11.3	42.4	65.5
		Midseason	49.4	3.7	42.7	4.2	22.6	67.2	14.8	59.4
		Late	25.0	1.1	71.4	2.5	7.2	21.4	15.5	141.2
		Total	47.0	3.0	46.4	3.6	33.6		17.7	77.6

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TABLE 2 (continued)  
FIELD TOMATO VARIETY TRIALS - 1961  
Northwestern Substation, Hoytville, Ohio

(1 replication)

Variety and Lot Number	Source	Harvest Periods	Grades				Total Yield per Acre	Percent- age of Total Yield	Cracked Fruits	No. of Fruits per 25 lbs.
			No. 1	No. 2D	No. 2C	Culls				
			%	%	%	%				
31. Pa. 103 Hybrid T-60	H2	Early	78.7	--	18.6	2.7	3.6	13.4	8.3	73.1
		Midseason	50.5	3.6	40.1	5.8	14.3	53.6	14.4	100.4
		Late	29.0	2.6	64.9	3.5	8.8	33.0	27.4	122.0
		Total	47.2	2.8	45.4	4.6	26.7		18.9	103.7
46. Viceroy NW-60	01	Early	64.2	1.3	26.7	7.8	2.6	10.9	25.5	48.9
		Midseason	57.1	4.8	33.9	4.2	14.9	62.3	6.3	58.0
		Late	34.2	2.6	57.3	5.9	6.4	26.8	5.2	115.2
		Total	51.7	3.8	39.4	5.1	23.9		7.3	72.3
33. Ind. 304 Sel. (Epoch) NW 60	01	Early	76.7	1.8	20.6	0.9	2.4	16.4	10.0	78.4
		Midseason	53.3	3.1	41.0	2.6	7.4	50.7	0.8	92.9
		Late	20.3	2.3	74.5	2.9	4.8	32.9	0.4	130.2
		Total	46.3	2.6	48.7	2.4	14.6		1.6	102.9
44. Mozark T-59	M3	Early	65.3	--	33.3	1.4	2.4	9.2	1.2	91.2
		Midseason	42.4	2.7	50.8	4.1	16.5	63.5	1.9	112.1
		Late	27.1	1.2	66.5	5.2	7.1	27.3	3.3	152.4
		Total	40.4	2.1	53.4	4.1	26.0		2.2	121.4
48. Homestead 24 1-175	L2	Early	52.3	--	42.0	5.7	2.1	8.0	13.3	77.6
		Midseason	50.0	1.0	45.8	3.2	15.6	59.1	4.2	75.5
		Late	39.9	2.0	55.4	2.7	8.7	32.9	20.1	109.2
		Total	46.8	1.3	48.7	3.2	26.4		11.4	86.8

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TABLE 2 (Continued)  
FIELD TOMATO VARIETY TRIALS - 1961  
Northwestern Substation, Hoytville, Ohio

Variety and Lot Number	Source	Harvest Periods	Grades				Total Yield per Acre	Percentage of Total Yield	Cracked Fruits	No. of Fruits per 25 lbs.
			No. 1	No. 2D	No. 2C	Culls				
			%	%	%	%	Tons	%	%	No.
37. Ohio Hybrid 5 T-61	H2	Early	69.7	0.7	23.7	5.9	1.7	5.3	9.2	106.8
		Midseason	68.2	1.1	29.5	1.2	19.1	60.1	12.6	109.2
		Late	39.5	1.7	57.1	1.7	11.0	34.6	22.3	142.1
		Total	58.4	1.3	38.7	1.6	31.8		16.0	120.8
41. Red Top VO C-Sel. 60	O1	Early	80.8	--	17.9	1.3	1.7	5.9	0.0	217.4
		Midseason	59.0	--	39.9	1.1	16.4	56.7	0.0	274.7
		Late	42.2	0.4	55.5	1.9	10.8	37.4	0.0	324.7
		Total	54.0	0.2	44.4	1.4	28.9		0.0	290.7
47. Mosage	T-59 M3	Early	49.6	7.6	26.0	16.8	1.4	5.6	25.8	59.1
		Midseason	52.6	6.0	34.8	6.6	12.9	51.4	9.8	78.1
		Late	34.1	2.5	59.5	3.9	10.8	43.0	18.5	112.1
		Total	44.5	4.6	44.9	6.0	25.1		14.9	91.6
40. Red Top	1375 H2	Early	63.9	--	36.1	--	1.2	4.9	0.0	227.3
		Midseason	54.9	0.3	42.8	2.0	11.6	47.3	0.0	193.8
		Late	38.7	0.2	58.2	2.9	11.7	47.8	0.0	227.3
		Total	47.6	0.2	49.8	2.4	24.5		0.0	211.9
25. Del. 13-2	T-61 D1	Early	83.1	--	14.9	2.0	1.1	4.8	0.0	74.2
		Midseason	31.2	2.0	60.6	6.2	11.7	51.5	4.9	150.6
		Late	31.9	0.8	61.7	5.6	9.9	43.6	10.8	139.7
		Total	34.0	1.3	58.9	5.8	22.7		7.4	142.1

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Table 2 (continued)  
FIELD TOMATO VARIETY TRIALS - 1961  
Northwestern Substation, Hoytville, Ohio

VC- 61 p. 9

(1 replication)

Variety and Lot Number	Source	Harvest Periods	Grades				Total Yield per Acre	Percent-age of Total Yield	Cracked Fruits	No. of Fruits per 5 lbs.
			No. 1	No. 2D	No. 2C	Culls				
			%	%	%	%	Tons	%	%	No.
43 Alamo 5600	A2	Early	65.8	5.5	19.2	9.5	0.8	2.9	26.9	89.0
		Midseason	51.2	3.1	41.8	3.9	13.9	50.5	11.3	82.8
		Late	47.4	1.2	47.7	3.7	12.8	46.5	13.8	119.6
		Total	49.8	2.3	43.9	4.0	27.5		13.1	100.0
39. Roma 1311	H1	Early	70.4	--	28.2	1.4	0.8	3.4	2.1	165.6
		Midseason	58.4	--	41.2	0.4	11.7	49.4	0.0	198.4
		Late	39.4	0.1	58.7	1.5	11.2	47.2	0.0	233.6
		Total	49.7	0.04	48.8	1.4	23.7		0.05	213.1
27. Del. 65 T-61	D1	Early	73.2	--	26.8	--	0.8	3.2	26.7	105.5
		Midseason	54.3	1.1	42.9	1.7	15.0	60.7	2.0	117.9
		Late	32.0	2.1	61.7	4.2	8.9	36.0	3.9	161.3
		Total	46.9	1.4	49.2	2.6	24.7		3.5	132.9
34. Ind. 305 Sel. (Epoch) NW 60	O1	Early	58.8	--	36.8	4.4	0.7	4.6	11.1	66.1
		Midseason	58.7	1.6	37.3	2.4	8.8	57.5	0.3	92.3
		Late	45.8	0.6	53.2	0.4	5.8	37.9	3.2	148.8
		Total	53.8	1.2	43.3	1.7	15.3		2.1	126.1
26. Del. 14-2 T-61	D1	Early	57.7	--	38.5	3.8	0.6	2.3	31.3	76.9
		Midseason	50.3	3.1	41.3	5.3	12.6	49.4	2.0	76.0
		Late	42.0	0.4	53.5	4.1	12.3	48.2	2.2	102.0
		Total	46.5	1.7	47.1	4.7	25.5		2.6	88.6

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Table 2 (continued)  
FIELD TOMATO VARIETY TRIALS - 1961

VC- 61, p. 10

Northwestern Substation, Hoytville, Ohio

(1 replication)

Variety and Lot Number		Harvest Periods	Grades				Total Yield per Acre	Percent- age of Total Yield	Cracked Fruits	No. of Fruits per 25 lbs.
			No. 1	No. 2D	No. 2G	Culls				
			%	%	%	%				No.
28. Marion T-61	C4	Early	62.5	25.0	12.5	--	0.3	1.1	44.4	93.6
		Midseason	55.7	2.0	34.8	7.5	6.4	23.6	29.9	88.3
		Late	58.8	1.6	35.3	4.3	20.4	75.3	18.4	92.9
		Total	58.1	1.9	35.0	5.0	27.1		18.9	91.9
42. Heinz 1369 T-60	H 3	Early	75.0	--	15.0	10.0	0.2	0.6	0.0	149.7
		Midseason	59.7	2.9	34.9	2.5	11.3	36.7	1.2	101.6
		Late	51.3	1.0	45.7	2.0	19.3	62.7	1.6	120.8
		Total	54.6	1.7	41.5	2.2	30.8		1.5	114.2
32. Alpha 204 (F2) T-60	A4	Early	46.7	--	40.0	13.3	0.2	0.8	33.3	100.0
		Midseason	54.1	0.3	40.8	4.8	6.4	26.3	3.2	80.1
		Late	35.3	1.0	60.0	3.7	17.7	72.8	9.1	115.2
		Total	40.3	0.8	54.8	4.1	24.3		8.0	106.4
30. Red Global T-60	L4	Early	100.0	--	--	--	0.1	0.4	33.3	107.3
		Midseason	47.0	3.6	44.0	5.4	5.5	22.0	6.6	112.1
		Late	41.9	4.2	50.0	3.8	19.4	77.6	8.1	139.7
		Total	43.2	4.1	48.6	4.1	25.0		7.9	133.0

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